

Table 1 - Quality Assessment of Cross Sectional Studies

JB1 Questions	1. Were the criteria for inclusion in the sample clearly defined?	2. Were the study subjects and the setting described in detail?	3. Was the exposure measured in a valid and reliable way?	4. Were objective, standard criteria used for measurement of the condition?	5. Were confounding factors identified?	6. Were strategies to deal with confounding factors stated?	7. Were the outcomes measured in a valid and reliable way?	8. Was appropriate statistical analysis used?
First Author								
Abu-Hammad et al. (2021)	No	Yes	Yes	No	No	NA	No	Yes
Al Bahrani et al. (2021)	No	Yes	Yes	No	No	NA	No	Yes
Al Khames Aga et al. (2021)	No	Yes	Yes	No	Yes	Unclear	No	Yes
Alhazmi et al. (2021)	Unclear	Yes	Yes	No	Yes	Yes	No	Yes
Català et al. (2021)	Yes	Yes	Yes	No	Yes	Yes	No	Yes
Choi et al. (2021)	No	Yes	Yes	No	Yes	Yes	No	Yes
Cuschieri et al. (2021)	No	Yes	Yes	No	Yes	Yes	No	Yes
Elnaem et al. (2021)	Unclear	Yes	Yes	No	Unclear	No	No	Yes
Jęskowiak et al. (2021)	No	Yes	Yes	No	No	No	No	Yes
Kadali et al. (2021)	No	Yes	Yes	No	No	No	No	Unclear
Klugar et al. (2021)	Unclear	Yes	Yes	No	Unclear	No	No	Yes
McMahon et al. (2021)	Unclear	Yes	Yes	Yes	No	NA	No	Yes
McMahon et al. 2(2021)	No	Yes	Yes	Yes	No	NA	Yes	Yes
Niebel et al. (2021)	Yes	Yes	Yes	Yes	Yes	Unclear	Yes	NA
Pourani et al. (2021)	No	Yes	Yes	Unclear	No	NA	No	NA
Riad et al. 1(2021)	Yes	Yes	Yes	Unclear	No	NA	No	Yes
Riad et al. 2(2021)	Yes	Yes	Yes	Unclear	Yes	YES	No	Yes

Riad et al. 3(2021)	No	Yes	Yes	Unclear	Yes	YES	No	Yes
Riad et al. 4(2021)	No	Yes	Yes	Unclear	Yes	YES	No	Yes
Vanegas et al. (2021)	No	Yes	Yes	Unclear	Yes	No	No	NA
Zavala-Flores et al. (2021)	Yes	Yes	Yes	Yes	No	NA	Yes	NA

Table 2 - Quality Assessment of Case-Control Studies

JB Questions	1. Were the groups comparable other than the presence of disease in cases or the absence of disease in controls?	2. Were cases and controls matched appropriately?	3. Were the same criteria used for identification of cases and controls?	4. Was exposure measured in a standard, valid and reliable way?	5. Was exposure measured in the same way for cases and controls?	6. Were confounding factors identified?	7. Were strategies to deal with confounding factors stated?	8. Were outcomes assessed in a standard, valid and reliable way for cases and controls?	9. Was the exposure period of interest long enough to be meaningful?	10. Was appropriate statistical analysis used?
First Author										
Burl et al. (2021)	Unclear	Unclear	Unclear	Yes	Yes	No	NA	Yes	Unclear	NA

Table 3 - Quality Assessment of Cohort Studies

<div> <div> JB I Questions </div> <div> First Author </div> </div>	1. Were the two groups similar and recruited from the same population?	2. Were the exposures measured similarly to assign people to both exposed and unexposed groups?	3. Was the exposure measured in a valid and reliable way?	4. Were confounding factors identified?	5. Were strategies to deal with confounding factors stated?	6. Were the groups/participants free of the outcome at the start of the study (or at the moment of exposure)?	7. Were the outcomes measured in a valid and reliable way?	8. Was the follow up time reported and sufficient to be long enough for outcomes to occur?	9. Was follow up complete, and if not, were the reasons to loss to follow up described and explored?	10. Were strategies to address incomplete follow up utilized?	11. Was appropriate statistical analysis used?
Amer et al. (2021)	NA	NA	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes
Choi et al. (2021)	NA	NA	Yes	Unclear	NA	Unclear	Yes	Yes	NO	No	Yes
Cugno et al. (2021)	No	Yes	Yes	Yes	YES	Yes	No	Yes	Yes	NA	Yes
Golan et al. (2021)	NA	NA	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes
Grieco et al. (2021)	NA	NA	Yes	No	No	Yes	No	Yes	No	No	Unclear
Im et al. (2021)	NA	NA	Yes	No	No	Yes	Yes	Yes	No	No	Unclear
Jeon et al. (2021)	NA	NA	Yes	No	No	Yes	No	no	No	No	Yes
Kaplan et al. (2021)	NA	NA	Yes	No	No	Unclear	No	Yes	No	No	Yes
Lim et al. (2021)	Yes	Yes	Yes	Yes	Yes	No	Yes	Unclear	Yes	NA	Yes
Menni et al. (2021)	NA	NA	Yes	Yes	Yes	Yes	Unclear	Yes	Yes	NA	Yes
Patel et al. (2021)	NA	NA	Yes	Yes	No	Yes	No	Yes	No	No	NA
Polack et al. (2021)	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	NA	Yes
Shavit et al. (2021)	NA	NA	Yes	Unclear	Unclear	Yes	No	Yes	Yes	NA	NA
Wang et al. (2021)	NA	NA	Yes	No	NA	Yes	Yes	Yes	No	Unclear	NA